

	L #	Search Text	DBs	Time Stamp	Hits
1	L1	tovaris.asn.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:27	1
2	L2	filipi-martin.in.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:27	11
3	L3	hope.in. and brian.in.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:28	19

	L #	Search Text	DBs	Time Stamp	Hits
4	L4	L2 and L3	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:28	5
5	L5	L4 and L1	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:28	0
6	L6	713/153.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:29	721

	L #	Search Text	DBs	Time Stamp	Hits
7	L7	713/153.ccls. and "automated encryption"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:29	1
8	L8	713/155.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:29	782
9	L9	713/155.ccls. and "automated encryption"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:30	1

	L #	Search Text	DBs	Time Stamp	Hits
10	L10	713/181.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:30	378
11	L11	713/181.ccls. and "automated encryption"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:30	0
12	L12	709/203.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:30	7371

	L #	Search Text	DBs	Time Stamp	Hits
13	L13	709/203.ccls. and "automated encryption"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:30	0
14	L14	709/209.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:30	244
15	L15	709/209.ccls. and "automated encryption"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:31	0

	L #	Search Text	DBs	Time Stamp	Hits
16	L16	380/30.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:31	1231
17	L17	380/30.ccls. and "automated encryption"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:31	2
18	L18	380/255.ccls.	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:31	428

	L #	Search Text	DBs	Time Stamp	Hits
19	L19	380/255.ccls. and "automated encryption"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:31	0
20	L20	(automated) adj (encryption) adj (system) near (electronic) adj (message)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:32	0
21	L21	(automated) adj (encryption) adj (system)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:32	3

	L #	Search Text	DBs	Time Stamp	Hits
22	L22	(electronic message) adj (sender) adj (recipient)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:32	482
23	L23	L21 and L22	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:32	1
24	L24	(sender) adj (e-mail) adj (client)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:33	29

	L #	Search Text	DBs	Time Stamp	Hits
25	L25	L21 and L24	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:33	0
26	L26	L21 and (private or public) near (key)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:33	2
27	L27	L22 and L24	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:34	6

	L #	Search Text	DBs	Time Stamp	Hits
28	L28	L27 and (public or private) near (key)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:34	0
29	L29	L27 and (public or private) same (key)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:34	0
30	L30	L27 and (private key)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:34	5

	L #	Search Text	DBs	Time Stamp	Hits
31	L31	L30 and (sender) adj (ID or identifier)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:36	0
32	L32	L30 and (sender)	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:36	5
33	L33	L32 and "ID"	US- PGPUB; USPAT; USOCR; EPO; JPO; DERWEN T; IBM_TD B	2007/03/12 15:36	1

[Sign in](#)

[Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

electronic message, e-mail, private key, public

[Advanced Search](#)
[Preferences](#)

Web Results 1 - 10 of about 26 for electronic message, e-mail, private key, public key, password, sender,

[itl97 11 txt](#)

The receiver then uses their **private key** to decrypt the session **key**, and that is used to decrypt the **message**. Semi-automated encryption add-on software is ...

csrc.nist.gov/publications/nistbul/itl97-11.txt - 18k - [Cached](#) - [Similar pages](#)

[Automated electronic messaging encryption system - Patent 20030154371](#)

A system and method of automating the management of **public** and **private key** pairs of a **sender** and **recipient** of **electronic messages** over a network and for ...

www.freepatentsonline.com/20030154371.html - 58k - [Cached](#) - [Similar pages](#)

[doc] [Ontario EBT Data Transport Protocol](#)

File Format: Microsoft Word - [View as HTML](#)

Sender encrypts document using **Recipient/Hub public key** and signs document ... When the **private key** file is stored on removable **electronic** media that media ...

www.xmlenergy.net/energymarketers/nem_pdt_documents/Ontario-EBT-Spoke-Transport%20v2.1.doc - [Similar pages](#)

[Ferris Research Weblog: Encryption](#)

This has many advantages over traditional **public key** infrastructure (PKI) ... Many vendors now offer products that check that data (**email messages**, ...

blog.ferris.com/email_encryption/index.html - 108k - [Cached](#) - [Similar pages](#)

[Ferris Research Weblog: Compliance/Regulations](#)

Messages can be journaled based on **message sender**, **recipient**, or content. ... The **Key Email Archiving Vendors Aren't Defined** ...

blog.ferris.com/regulations_compliance/index.html - 211k - [Cached](#) - [Similar pages](#)

[Data File Encryption Software 128 bit Encryption Data DES Download ...](#)

AltaSecure **Public Key** Infrastructure Resources Comprehensive collection of material ... secure **electronic** mail between Internet **e-mail sender** and **recipient** ...

www.compamerica.com/stationx/encryptions.htm - 73k - [Cached](#) - [Similar pages](#)

[doc] [Ontario EBT Data Transport Protocol](#)

File Format: Microsoft Word - [View as HTML](#)

Sender looks up **Recipient/Hub public key** on directory service. ... When the **private key** file is stored on removable **electronic** media that media should be ...

www.oeb.gov.on.ca/documents/gdar2005_protocol_%20v30_070705.doc - [Similar pages](#)

[PDF] [Ontario GDAR EBT Protocol Between Points](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

Message standard) and a user id and **password** for each Point in the market ... **Sender** encrypts document using **Recipient Public Key** and signs document using ...

www.oeb.gov.on.ca/documents/cases/RP-2000-0001/tp_pointsv0.1_020306.pdf - [Similar pages](#)

[NONAGS Security Tools - Freeware](#)

This algorithm is a strong encryption algorithm using a **private key**, ... either via knowing correct **password** or via using **public/secret key** technology. ...

www.nonags.com/nonags/security.html - 132k - [Cached](#) - [Similar pages](#)

NONAGS Security Tools - Freeware

This algorithm is a strong encryption algorithm using a **private key**, ... used in BCArchive to create encrypted archive and **e-mail** it to desired **recipient**. ...
www.imd.it/nonags/security.html - 131k - [Cached](#) - [Similar pages](#)

Result Page: [1](#) [2](#) [3](#) **[Next](#)**

electronic message, e-mail, private key

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied?](#) [Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2007 Google



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

+automated +encryption, +electronic +message, +private +k



THE ACM DIGITAL LIBRARY

[Feedback](#) [Report a problem](#) [Satisfactio](#)

Terms used

[automated](#) [encryption](#) [electronic](#) [message](#) [private](#) [key](#) [public](#) [key](#) [password](#) [recipient](#) [sender](#) [e mail](#) [retrieve](#)

Sort results by

Display results

[Save results to a Binder](#)

[Search Tips](#)

☐ [Open results in a new window](#)

[Try an Advanced Search](#)

[Try this search in The ACM](#)

Results 1 - 3 of 3

Relevanc

1 [Authentication services for computer networks and electronic messaging systems](#)



Keok Auyong, Chye-Lin Chee

July 1997 **ACM SIGOPS Operating Systems Review**, Volume 31 Issue 3

Publisher: ACM Press

Full text available: [pdf\(1.03 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

The paper surveys the authentication services used by modern computer systems and presents operational authentication services employed by commercial companies, banking as well as gov departments. As distributed system services are susceptible to a variety of threats mounted by well as legitimate users of the system, password-based authentication is not suitable for use on networks.

2 [Accountability protocols: Formalized and verified](#)



Giampaolo Bella, Lawrence C. Paulson

May 2006 **ACM Transactions on Information and System Security (TISSEC)**, Volume 9 Issue 2

Publisher: ACM Press

Full text available: [pdf\(433.82 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Classical security protocols aim to achieve authentication and confidentiality under the assumpt peers behave honestly. Some recent protocols are required to achieve their goals even if the pe misbehaves. *Accountability* is a protocol design strategy that may help. It delivers to peers suffi evidence of each other's participation in the protocol. Accountability underlies the nonrepudiatio of Zhou and Gollmann and the certified email protocol of Abadi et al. Thi ...

Keywords: Isabelle, Nonrepudiation, certified email, inductive method, proof tools

3 [Email and security: How to make secure email easier to use](#)



Simson L. Garfinkel, David Margrave, Jeffrey I. Schiller, Erik Nordlander, Robert C. Miller

April 2005 **Proceedings of the SIGCHI conference on Human factors in computing system**

Publisher: ACM Press

Full text available: [pdf\(419.10 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#), [index ter](#)

Cryptographically protected email has a justly deserved reputation of being difficult to use. Base analysis of the PEM, PGP and S/MIME standards and a survey of 470 merchants who sell produc Amazon.com, we argue that the vast majority of Internet users can start enjoying digitally sign today. We present suggestions for the use of digitally signed mail in e-commerce and simple mc to webmail systems that would significantly increase integrity, privacy and authorship ...

Keywords: e-commerce, user interaction design, user studies

Results 1 - 3 of 3

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "(automated encryption, electronic message, sender, recipient, private key, retrieve, e-mail, decry..." ☒ e-mail

Your search matched **1512** of **39454** documents.

A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

» Search Options

[View Session History](#)
[New Search](#)

Modify Search

☐ Check to search only within this results set

 Display Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

☒ view selected items

[Select All](#) [Deselect All](#)

View: 1-25 | 26-5

- ☐ 1. **The technology works-the law doesn't: legal aspects of secure electronic Bond, R.;**
 eCommerce - Trading But Not As We Know It (Ref. No. 1998/460), IEE Colloq
 3 Nov. 1998 Page(s):4/1 - 446
[AbstractPlus](#) | Full Text: [PDF\(2288 KB\)](#) IET CNF
- ☐ 2. **Bringing application services and users together-the electronic mail exar Jakobs, K.; Karabek, R.;**
 Private Switching Systems and Networks, 1992. Second International Confere
 23-25 Jun 1992 Page(s):199 - 205
[AbstractPlus](#) | Full Text: [PDF\(400 KB\)](#) IET CNF
- ☐ 3. **A security system for satellite networks**
 Cruickshank, H.S.;
 Satellite Systems for Mobile Communications and Navigation, 1996., Fifth Inter
 Conference on
 13-15 May 1996 Page(s):187 - 190
[AbstractPlus](#) | Full Text: [PDF\(344 KB\)](#) IET CNF
- ☐ 4. **Novel m-commerce security protocol for third generation mobile network Katsaros, I.; Honary, B.;**
 3G Mobile Communication Technologies, 2003. 3G 2003. 4th International Co
 (Conf. Publ. No. 494)
 25-27 June 2003 Page(s):23 - 27
[AbstractPlus](#) | Full Text: [PDF\(386 KB\)](#) IET CNF
- ☐ 5. **Computer-mediated communications for the disabled**
 Woodburn, R.; Arnott, J.L.; Newell, A.F.;
 CSCW: Some Fundamental Issues, IEE Colloquium on
 15 Mar 1991 Page(s):5/1 - 5/4
[AbstractPlus](#) | Full Text: [PDF\(228 KB\)](#) IET CNF
- ☐ 6. **Some years from now-what public service providers should provide Jakobs, K.;**
 Telecommunications, 1995. Fifth IEE Conference on
 26-29 Mar 1995 Page(s):193 - 197

[AbstractPlus](#) | Full Text: [PDF\(308 KB\)](#) IET CNF

- ☐ 7. **Messaging in a 3G world**
Angwin, A.J.;
[3G Mobile Communication Technologies, 2003. 3G 2003. 4th International Conference \(Conf. Publ. No. 494\)](#)
25-27 June 2003 Page(s):68 - 72
[AbstractPlus](#) | Full Text: [PDF\(452 KB\)](#) IET CNF

- ☐ 8. **Open systems co-operation**
Molesworth, R.;
[Telecommunications, 1991. Third IEE Conference on](#)
17-20 Mar 1991 Page(s):57 - 61
[AbstractPlus](#) | Full Text: [PDF\(436 KB\)](#) IET CNF

- ☐ 9. **Security implications for EDI**
Cobb, J.;
[Standards and Practices in Electronic Data Interchange. IEE Colloquium on](#)
21 May 1991 Page(s):7/1 - 7/4
[AbstractPlus](#) | Full Text: [PDF\(268 KB\)](#) IET CNF

- ☐ 10. **Signalling-efficient signature based PKI authentication method for wireless communication systems**
Kaprynski, A.; Girma, D.; Dunlop, J.;
[Personal Mobile Communications Conference, 2003. 5th European \(Conf. Publ. No. 494\)](#)
22-25 April 2003 Page(s):501 - 505
[AbstractPlus](#) | Full Text: [PDF\(449 KB\)](#) IET CNF

- ☐ 11. **Future service capabilities offered by the 3GPP system**
Zarri, M.;
[3G Mobile Communication Technologies, 2003. 3G 2003. 4th International Conference \(Conf. Publ. No. 494\)](#)
25-27 June 2003 Page(s):354 - 358
[AbstractPlus](#) | Full Text: [PDF\(387 KB\)](#) IET CNF

- ☐ 12. **Towards the convergence of interactive television and WWW**
Shrimpton, D.H.; Dobbyn, C.; Casey, T.;
[Multimedia Services and Digital Television by Satellite \(Ref. No. 1999/111\). IEE Conference on](#)
22 Oct. 1999 Page(s):6/1 - 6/6
[AbstractPlus](#) | Full Text: [PDF\(280 KB\)](#) IET CNF

- ☐ 13. **Data preparation for interactive electronic program guides**
Greco, J.;
[Broadcasting Convention, International \(Conf. Publ. No. 428\)](#)
12-16 Sept. 1996 Page(s):294 - 297
[AbstractPlus](#) | Full Text: [PDF\(292 KB\)](#) IET CNF

- ☐ 14. **Application of WWW technology to the human-machine interface**
Lewis, P.B.;
[Human Interfaces in Control Rooms, Cockpits and Command Centres, 1999. IEE Conference on](#)
21-23 June 1999 Page(s):206 - 211
[AbstractPlus](#) | Full Text: [PDF\(520 KB\)](#) IET CNF

- ☐ 15. **IP over HF as a bearer service for NATO formal messages**
Jodalén, V.; Solberg, B.; Eggen, A.; Leere, A.B.; Gronnerud, K.;
[HF Radio Systems and Techniques, 2003. Ninth International Conference on](#)

493)

23-26 June 2003 Page(s):19 - 24

[AbstractPlus](#) | Full Text: [PDF](#)(482 KB) IET CNF

16. Trends towards standard communications for metering
Adams, B.; Philips, M.;
[Metering and Tariffs for Energy Supply, 1999. Ninth International Conference \(No. 462\)](#)
25-28 May 1999 Page(s):138 - 142
[AbstractPlus](#) | Full Text: [PDF](#)(452 KB) IET CNF
17. Distributed data and metadata management in the GENIE project
Newman, I.A.;
[Distributed Databases, IEE Colloquium on](#)
11 Dec 1992 Page(s):4/1 - 4/4
[AbstractPlus](#) | Full Text: [PDF](#)(308 KB) IET CNF
18. Security in a distributed message handling system
Varadharajan, V.;
[Message Handling - Past, Present and Future, IEE Colloquium on](#)
11 Nov 1991 Page(s):5/1 - 5/9
[AbstractPlus](#) | Full Text: [PDF](#)(408 KB) IET CNF
19. Laurent Roy/Lise Mathieu - Communication
Mathieu, L.;
[OSEK/VDX Open Systems in Automotive Networks \(Ref. No. 1998/523\), IEE S](#)
13 Nov. 1998 Page(s):5/1 - 5/6f
[AbstractPlus](#) | Full Text: [PDF](#)(908 KB) IET CNF
20. An alternative to public key encryption
Hawthorne, W.M.;
[Security and Detection, 1995., European Convention on](#)
16-18 May 1995 Page(s):142 - 145
[AbstractPlus](#) | Full Text: [PDF](#)(396 KB) IET CNF
21. A novel concept for substation maintenance management
Nordin, R.; Nielsen, L.-G.; Vikman, A.;
[Electricity Distribution, 2001. Part 1: Contributions. CIRED, 16th International \(Exhibition on \(IEE Conf. Publ No. 482\)](#)
Volume 1, 18-21 June 2001 Page(s):6 pp. vol.1
[AbstractPlus](#) | Full Text: [PDF](#)(580 KB) IET CNF
22. Computerised on-line engineering manuals
Castles, A.J.;
[Issues in Computer Support for Documentation and Manuals, IEE Colloquium](#)
1 Oct 1993 Page(s):5/1 - 5/22
[AbstractPlus](#) | Full Text: [PDF](#)(652 KB) IET CNF
23. A high speed RSA processor
Al-Tuwaijry, F.A.; Barton, S.K.;
[Digital Processing of Signals in Communications, 1991., Sixth International Co](#)
2-6 Sep 1991 Page(s):210 - 214
[AbstractPlus](#) | Full Text: [PDF](#)(220 KB) IET CNF
24. From security to trust-creating confidence to trade electronically
Skevington, P.J.;
[eCommerce - Trading But Not As We Know It \(Ref. No. 1998/460\), IEE Colloq](#)

3 Nov. 1998 Page(s):6/1 - 6/6

[AbstractPlus](#) | Full Text: [PDF](#)(392 KB) IET CNF

25. **Programming communication interfaces (PCIs)-T.611: a new CCITT standard for Facsimile applications**

Goldstein, R.;

[Data Transmission - Advances in Modem and ISDN Technology and Applications](#)
[International Conference on](#)

23-25 Sep 1992 Page(s):138 - 146

[AbstractPlus](#) | Full Text: [PDF](#)(464 KB) IET CNF

View: [1-25](#) | [26-5](#)

[Help](#) [Contact Us](#) [Privacy & Policy](#)

© Copyright 2006 IEEE - All rights reserved.

Indexed by
 Inspec[®]